PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under t	he Paperwork Reduction Act of 1995	, no persons are required		tion unless it contains a valid OMB control number			
Subst	itute for form 1449/PTO		Complete if Known				
-			Application Number				
INII	FORMATION DISC	CLOCUDE	Filing Date				
•••	• • • • • • • • • • • • • • • • • • • •		First Named Inventor	William A. Hood			
ST	ATEMENT BY AF		Art Unit				
	(Use as many sheets as nec	essary)	Examiner Name				
 Sheet	of	<del>-</del>	Attorney Docket Number	2-5169-053			

	1	1		DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M		<sup>US-</sup> 3,666,665	05-30-1972	Chapman	
M		<sup>US-</sup> 4,599,844	07-15-1986	Clostermeyer	
m		<sup>US-</sup> 4,604,855	08-12-1986	Krone	
m		<sup>US-</sup> 4,697,402	10-06-1987	Anstey	
<i>~</i> ~		<sup>US-</sup> 4,729,213	03-08-1988	Raes	
m		<sup>us-</sup> 4,910,949	03-27-1990	Meyer	
m		<sup>US-</sup> 4,917,008	04-17-1990	van den Wildenberg	
M		<sup>US-</sup> 5,036,642	08-06-1991	Underhill	
m		<sup>US-</sup> 5,129,208	07-14-1992	Van Zee	
~		<sup>US-</sup> 6,006,504	12-28-1999	Myers	
M		<sup>US-</sup> 6,550,218	04-22-2003	McClure	
		US-			
	1	US-			
		US-			
		US-			

-		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
m		EP 0820691	01-28-1998			
		DE 9211541		NO CODY		
						L
					ļ	L
	L	<u>l</u>	1			

Examiner	N/4 M	Date	
Signature	1 1 41 4/1/	Considered	1/10/00
			1905
*EYAMINED	is faitial if enforcement considered whether or not citation is in conformance with MDI	ED 600 Denu line through	eitation A not in conformance and not

EXAMINER: Initial a reference considered, whether or not clauon is in conformance with MPEP 609. Draw line through citation/if not in conformance and not considered, Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attracted.' Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

O 1 P E C 5

Examiner

Signature

TA TRANS!

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<u> </u>	Number-Kind Code <sup>2</sup> (F Isrown)	-	N d. D	
m	1.	<sup>US-</sup> 5,855,109	01-05-1999	Vande Ryse, et al.	
m	2.	<sup>US-</sup> 6,164,050	12-26-2000	Vande Ryse, et al.	
` `		US-			
· ·		US-			
		US-			

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
				-		
					•	

\*EXAMINER: Initial it/reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation/if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usoto.gov">www.usoto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Date Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form	1449/PTO	Complete if Known			
Outsides for form 14437 TO		Application Number	10/719,460		
INICODIA	ATION DISCLOSURE	Filing Date	November 21, 2003		
	ATION DISCLOSURE	First Named Inventor	William A. Hood		
STATEM	ENT BY APPLICANT	Art Unit	3671		
(Use	ss many sheets as necessary)	Examiner Name			
201 11	of 10/719 460	Attorney Docket Number	2-5169-053		

-			U. S. PATEN	DOCUMENTS	
Examiner Initiats*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M	<b>†</b>	<sup>US-</sup> 4,366,665	01-04-1983	VanGinhoven et al	
		US-			
····		US-			
		US-			
		US-			
		US-			
-		US-			
		US-			
•		US-			
	ĺ	US-		·	
		US-			
		US			
		US-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear					
-										

		<u> </u>									
Examiner	1	7.7		7	_			Date			_
Signature	1/2		///	-				Considered	/10/0	25	
PEVALUNCO	· Taising it after		idorod .	whether or as	d addition is is	e conformance wi	N MOED SOO D	caw line through a	ritofion il/not in	conformance	and not

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>5</sup>Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.